

REMARKS

I. Interview Summary

Applicant thanks the Examiner for taking the time to discuss the Advisory Action dated October 1, 2007 via telephone conference on October 11, 2007 ("the Interview"). During the Interview, the Assignee and Examiner discussed the amendments to claims 32-39 and the reasons for the Advisory Action.

II. Allowed Claims

Claims 1, 3-7, and 22-31 were allowed. The amendments to allowed claims 4 and 25-31 are intended to address informalities.

III. Claim 32-38

Claims 32-35 and 38 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Lee (US 6,670,628) and Ovshinsky (US 6,087,674), considered together, further in view of Gilton (US 6,646,902). Claim 36 is rejected under § 103(a) as being unpatentable over the references as applied to claims 32-35 and 38, and further in view of in view of Reinberg (US 6,284,643) and Plaettner et al. (US 4,292,343). Claim 37 is rejected under § 103(a) as being unpatentable over the references as applied to claims 32-35 and 38, and further in view of Ovshinsky (US 5,687,112).

Applicant amends independent claim 32 to show that at least one of the electrodes has at least two field amplifier structures for amplifying field strength of the electric field in the changeover material. The cited reference Lee discloses an electrode with a single field amplifier structure. Ovshinsky '674 and Gilton disclose an electrode adjacent to phase change material. Even assuming a motivation to combine Lee, Ovshinsky '674, and Gilton exists, the combination of Lee, Ovshinsky '674, and Gilton does not disclose a nonvolatile memory element comprising an electrode having two field amplifier structures. The addition of any of Reinberg, Plaettner, or Ovshinsky '112 does not cure this deficiency. Accordingly, Applicant respectfully submits that claim 32, as amended, is allowable. For the foregoing reasons, Applicant respectfully requests that the rejection of claims 32-38 be removed and that allowance of claims 32-38 be granted.

SUMMARY

Applicant amends claims 4 and 25-38. The amendments to claims 4, 25-31, and 33-38 address informalities. No new matter is entered through these amendments. Claims 1, 3-7, and 22-31 are allowed. Applicant respectfully submits that claims 32-38, as amended, are allowable. Accordingly, Applicant respectfully requests the Examiner grant allowance of this application. The Examiner is invited to contact the undersigned attorneys for the Applicant via telephone if such communication would expedite this application.

Respectfully submitted,

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